

**JOURNAL ARTICLES PREPARED BY THE APPLIED METEOROLOGY UNIT AS OF 6 DECEMBER 2004**  
(AMU AUTHORS IN BOLD FONT)

<i>Author(s)</i>	<i>Title of Article</i>	<i>Publication Information</i>	<i>Date</i>
<b>Short, David, and Francis Merceret</b>	On the Positive Bias of Peak Horizontal Velocity from an Idealized Doppler Profiler	<i>J. Atmos. Oceanic Technol.</i> In press	2004
<b>Case, Jonathan, Mark Wheeler, John Manobianco,</b> Johnny Weems, and William Roeder	A Seven-Year Climatological Study of Land Breezes over the Florida Spaceport	<i>J. Appl. Meteor.</i> In press	2004
<b>Case, Jonathan, John Manobianco,</b> John Lane, Christopher Immer, and <b>Francis Merceret</b>	An Objective Technique for Verifying Sea Breezes in High-Resolution Numerical Weather Prediction Models	<i>Wea. Forecasting</i> Vol. 19, No. 4, pp. 690-705	Aug 2004
<b>Short, David,</b> James Sardonia, <b>Winifred Lambert,</b> and <b>Mark Wheeler</b>	Nowcasting Thunderstorm Anvil Clouds over Kennedy Space Center and Cape Canaveral Air Force Station	<i>Wea. Forecasting</i> Vol. 19, No. 4, pp. 706-713	Aug 2004
<b>Lambert, Winifred, Francis Merceret,</b> Gregory Taylor, and Jennifer Ward	Performance of Five 915 MHz Wind Profilers and an Associated Automated Quality Control Algorithm in an Operational Environment	<i>J. Atmos. Oceanic Technol.</i> Vol. 20, No. 11, pp. 1488-1495	Nov 2003
<b>Case, Jonathan, John Manobianco,</b> Allan Dianic, <b>Mark Wheeler,</b> Dewey Harms, and Carlton Parks	Verification of High-Resolution RAMS Forecasts over East-Central Florida during the 1999 and 2000 Summer Months	<i>Wea. Forecasting</i> Vol. 17, No. 6, pp. 1133-1151	Dec 2002
<b>Case, Jonathan, John Manobianco,</b> Timothy Oram, Tim Garner, Peter Blottman, and Scott Spratt	Local Data Integration over East-Central Florida using the ARPS Data Analysis System	<i>Wea. Forecasting</i> Vol. 17, No. 1, pp. 3-26	Feb 2002
<b>Merceret, Francis</b>	The Coherence Time of Midtropospheric Wind Features as a Function of Vertical Scale from 300 m to 2 km	<i>J. Appl. Meteor.</i> Vol. 39, No. 12, pp. 2409-2420	Dec 2000
Smith, Brian, and <b>Francis Merceret</b>	The Lognormal Distribution	<i>College Mathematics Journal</i> Vol. 31, No. 4, pp. 259-261	Sep 2000
Rogers, Robert, J. Michael Fritsch, and <b>Winifred Lambert</b>	A Simple Technique for Using Radar Data in the Dynamic Initialization of a Mesoscale Model	<i>Mon. Wea. Rev.</i> Vol. 128, No. 7, pp. 2560-2574	Jul 2000
<b>Merceret, Francis</b>	The Vertical Resolution of the Kennedy Space Center 50 MHz Wind Profiler	<i>J. Atmos. Oceanic Technol.</i> Vol. 16, No. 9, pp. 1273-1278	Sep 1999
<b>Merceret, Francis</b>	Risk Assessment Consequences of the Lognormal Distribution of Mid-Tropospheric Winds	<i>J. Spacecr. Rockets</i> Vol. 35, No. 1, pp. 111-112	1999

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<i>Author(s)</i>	<i>Title of Article</i>	<i>Publication Information</i>	<i>Date</i>
<b>Schumann, Robin, Greg Taylor, Francis Merceret,</b> and Timothy Wilfong	Performance Characteristics of the Kennedy Space Center 50 MHz Doppler Radar Wind Profiler Using the Median Filter/First Guess Data Reduction Algorithm	<i>J. Atmos. Oceanic Technol.</i> Vol. 16, No. 5, pp. 532-549	May 1999
<b>Nutter, Paul,</b> and <b>John Manobianco</b>	Evaluation of the 29-km Eta Model. Part I: Objective Verification at Three Selected Stations	<i>Wea. Forecasting</i> Vol. 14, No. 1, pp. 5-17	Feb 1999
<b>Manobianco, John,</b> and <b>Paul Nutter</b>	Evaluation of the 29-km Eta Model. Part II: Subjective Verification over Florida	<i>Wea. Forecasting</i> Vol. 14, No. 1, pp. 18-37	Feb 1999
<b>Merceret, Francis</b>	Rapid Temporal Changes of Midtropospheric Winds	<i>J. Appl. Meteor.</i> Vol. 36, No. 11, pp. 1567-1575	Nov 1997
<b>Manobianco, John,</b> John Zack, and <b>Gregory Taylor</b>	Workstation-Based Real-Time Mesoscale Modeling Designed for Weather Support to Operations at the Kennedy Space Center and Cape Canaveral Air Station	<i>Bull. Amer. Meteor. Soc.</i> Vol. 14, No. 1, pp. 5-17	Apr 1996